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By: Nancy Ramos Printed: Nancy Ramos

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants: Michael G. Walker

Title: ANKYRIN REPEAT DOMAIN 2 PROTEIN

Serial No.: To Be Assigned

Filed: Herewith

Examiner: To Be Assigned

Group Art Unit: To Be Assigned

Commissioner for Patents
Box Sequence
Washington, D.C. 20231

SUBMISSION UNDER 37 CFR §1.821- 1.825 SEQUENCE LISTING

Sir:

In accordance with the requirements of 37 CFR §1.821- 1.825, Applicants hereby submit one (1) diskette containing the computer-readable information for the "Sequence Listing" of the above-identified application. The diskette complies with the requirements of 37 CFR §1.824 and is IBM PC compatible using a UNIX operating system with PERL Program.

Accompanying the application is the paper copy of the Sequence Listing as disclosed in the application.

The content of the "Sequence Listing" paper copy is identical to the computer readable copy, as required under 37 CFR § 1.821(f).

Respectfully submitted,

INCYTE GENOMICS, INC.

Date: January 10, 2001

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FOR E63560

PC-0025 CIP

<110> Walker, Michael, G.

<120> Ankyrin Repeat Domain 2 Protein

<130> PC-0025 CIP

<140> To Be Assigned

<141> Herewith

<160> 13

<170> PERL Program

<210> 1

<211> 329

<212> PRT

<213> Homo sapiens

<220>

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<223> Incyte ID No: 5578191CD1

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				20					25					30
Thr	Arg	Gln	Lys	Leu	Pro	Met	Asp	Leu	Leu	Val	Leu	Glu	Asp	Glu
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Lys	His	His	Gly	Ala	Gln	Ser	Ala	Ala	Leu	Gln	Lys	Val	Lys	Gly
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Gln	Glu	Arg	Val	Arg	Lys	Thr	Ser	Leu	Asp	Leu	Arg	Arg	Glu	Ile
				65					70					75
Ile	Asp	Val	Gly	Gly	Ile	Gln	Asn	Leu	Ile	Glu	Leu	Arg	Lys	Lys
				80					85					90
Arg	Lys	Gln	Lys	Lys	Arg	Asp	Ala	Leu	Ala	Ala	Ser	His	Glu	Pro
				95					100					105
Pro	Pro	Glu	Pro	Glu	Glu	Ile	Thr	Gly	Pro	Val	Asp	Glu	Glu	Thr
				110					115					120
Phe	Leu	Lys	Ala	Ala	Val	Glu	Gly	Lys	Met	Lys	Val	Ile	Glu	Lys
				125					130					135
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Val	Arg	Asp	Lys	Leu	Leu	Ser	Thr	Pro	Leu	His	Val	Ala	Val	Arg
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Thr	Gly	Gln	Val	Glu	Ile	Val	Glu	His	Phe	Leu	Ser	Leu	Gly	Leu
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Glu	Ile	Asn	Ala	Arg	Asp	Arg	Glu	Gly	Asp	Thr	Ala	Leu	His	Asp

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Ala Val Arg Leu	Asn Arg Tyr Lys Ile	Ile Lys Leu Leu Leu	Leu		
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His Gly Ala Asp	Met Met Thr Lys Asn	Leu Ala Gly Lys Thr	Pro		
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Thr Asp Leu Val	Gln Leu Trp Gln Ala	Asp Thr Arg His Ala	Leu		
	290		295		300
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<220>

<221> misc_feature

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ccacttagag	gtggtgaaac	ttctgcaaag	ccatggagca	gacaccaatg	tgagggataa	660
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gcctaataat	agtgggagag	agacccctca	gcctgtgcc	gcccagtgaa	tgcggtgccc	1020
agcccagcca	gtaaccagc	ccctctctgt	gtgcagccgg	agggtcctaa	gaatggctcc	1080
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<211> 576

<212> DNA

<213> Homo sapiens

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<223> Incyte ID No: 972118R6

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gacttgctgg	tgctggagga	tgagaagcac	cacggggctc	agagtgcagc	cctgcagaag	180

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cactgcaccg agcttccctg gaaggccaca tggaaatcct ggagaagctt ctagataatg 180
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<213> Homo sapiens

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ctgggctggc acaggctgag ggggtctctc cccactatca ttagggccct ccagcccggt 180
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gagcagcagt ttgatgattt tgtagcgggt gagcctcaca gcgtcatgca gggcagtatc 360
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<211> 330

<212> DNA

<213> Homo sapiens

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<223> Incyte ID No: 7350215H1

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cccagcccc ctctgtgtgc agccggaggg tcctaagaat ggctccccgga gctaactgag 240
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<210> 7

<211> 255

<212> DNA

<213> Rattus norvegicus

<220>

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<223> Incyte ID No: 700911986H1

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tgacatgct agtgctagag gacgagaagc gcctcggggg gcagagtcct gctttacaaa 180
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<212> DNA

<213> Rattus norvegicus

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atgctagtgc tagaggacga gaagcgcttg ggggtgcagag tcctgcttta caaaagggtta 180
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gcgggatcca gaacctcata gaactgagga aaaaaa                                     275
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<211> 315

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<213> Rattus norvegicus

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<221> unsure

<222> 54, 80, 121

<223> a, t, c, g, or other

<400> 9

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nngacacatg gagatactgg agaaacttct ggagaatggg gccaccgtgg acttccagga 180
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<210> 11
<211> 328
<212> PRT
<213> Mus musculus

<220>
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20 25 30
Ala Pro Gly Lys Leu Ser Met Asp Met Leu Val Leu Glu Glu Glu
35 40 45
Lys Arg Leu Gly Val Gln Ser Pro Ala Leu Gln Lys Val Lys Gly
50 55 60
Gln Glu Arg Val Arg Lys Thr Ser Leu Asp Leu Arg Arg Glu Ile
65 70 75
Ile Asp Val Gly Gly Ile Gln Asn Leu Ile Glu Leu Arg Lys Lys
80 85 90
Arg Lys Gln Lys Lys Arg Asp Ala Leu Ala Ala Ala Gln Glu Pro
95 100 105
Pro Pro Glu Pro Glu Glu Ile Thr Gly Pro Val Asn Glu Glu Thr
110 115 120
Phe Leu Lys Ala Ala Val Glu Gly Lys Met Lys Val Ile Asp Lys
125 130 135
Tyr Leu Ala Asp Gly Gly Ser Ala Asp Thr Cys Asp Glu Phe Arg
140 145 150
Arg Thr Ala Leu His Arg Ala Ser Leu Glu Gly His Met Glu Ile
155 160 165
Leu Glu Lys Leu Leu Glu Asn Gly Ala Thr Val Asp Phe Gln Asp
170 175 180
Arg Leu Asp Cys Thr Ala Met His Trp Ala Cys Arg Gly Gly His
185 190 195
Leu Glu Val Val Arg Leu Leu Gln Ser Arg Gly Ala Asp Thr Asn

Figure 1 consists of 12 bar charts, each representing a different category related to reasons for leaving school. The x-axis for all charts represents age groups: 18-24, 25-34, 35-44, 45-54, 55-64, and 65+. The y-axis represents the percentage of respondents, ranging from 0% to 100%.

- Chart 1: Most important reason for leaving school**

Age Group	Percentage
18-24	~10%
25-34	~15%
35-44	~20%
45-54	~25%
55-64	~30%
65+	~35%
- Chart 2: Main reason for leaving school**

Age Group	Percentage
18-24	~10%
25-34	~15%
35-44	~20%
45-54	~25%
55-64	~30%
65+	~35%
- Chart 3: Main reason for leaving school**

Age Group	Percentage
18-24	~10%
25-34	~15%
35-44	~20%
45-54	~25%
55-64	~30%
65+	~35%
- Chart 4: Main reason for leaving school**

Age Group	Percentage
18-24	~10%
25-34	~15%
35-44	~20%
45-54	~25%
55-64	~30%
65+	~35%
- Chart 5: Main reason for leaving school**

Age Group	Percentage
18-24	~10%
25-34	~15%
35-44	~20%
45-54	~25%
55-64	~30%
65+	~35%
- Chart 6: Main reason for leaving school**

Age Group	Percentage
18-24	~10%
25-34	~15%
35-44	~20%
45-54	~25%
55-64	~30%
65+	~35%
- Chart 7: Main reason for leaving school**

Age Group	Percentage
18-24	~10%
25-34	~15%
35-44	~20%
45-54	~25%
55-64	~30%
65+	~35%
- Chart 8: Main reason for leaving school**

Age Group	Percentage
18-24	~10%
25-34	~15%
35-44	~20%
45-54	~25%
55-64	~30%
65+	~35%
- Chart 9: Main reason for leaving school**

Age Group	Percentage
18-24	~10%
25-34	~15%
35-44	~20%
45-54	~25%
55-64	~30%
65+	~35%
- Chart 10: Main reason for leaving school**

Age Group	Percentage
18-24	~10%
25-34	~15%
35-44	~20%
45-54	~25%
55-64	~30%
65+	~35%
- Chart 11: Main reason for leaving school**

Age Group	Percentage
18-24	~10%
25-34	~15%
35-44	~20%
45-54	~25%
55-64	~30%
65+	~35%
- Chart 12: Main reason for leaving school**

Age Group	Percentage
18-24	~10%
25-34	~15%
35-44	~20%
45-54	~25%
55-64	~30%
65+	~35%

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